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(Arch. H.P.H.)
(D.G.W.)

COMMONWEALTH of VIRGINIA

STATE WATER CONTROL BOARD
2111 North Hamilton Street

Eugene T. Jernon
Executive Secretary

November 26, 1975 Please Reply To: West Central Regional Office
Executive Park
510-A Petty Creek Road
Roanoke, Virginia 24019
(703) 563-6051

Post Office Box 11143
Richmond, Virginia 23230
(804) 720-1411

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Dr. C. P. Pope
Roanoke County Health Department
510 S. College Ave.
Roanoke, Virginia 24153

Dear Dr. Pope:

SUBJECT: Contamination of G.W. by Salem Electro-Plating Company in the Big Hill Section of Roanoke County.

As a result of Cr++ contamination found in the Graybell Well; additional samples have been taken to better pinpoint the plume of contamination. These samples were collected on November 19, 1975, (ref: attached memo). The results were phoned to me today and are listed below for your consideration:

Owner	Cr++	Ni	Cu	Notation on attached topo map
Goff	0.0	.03	0.0	180-44
Willis	.59	.01	0.0	180-VW*
Jackson	0.0	0.0	0.0	180-PW
Phillipi	0.0	.11	0.0	180-NP
Switzer	0.0	.03	0.0	180-SW
Big Hill				
Baptist Church	.12	0.0	0.0	180-CC*
Blue Jay Motel	0.0	0.0	0.0	180-BJ
Smith	0.0	0.0	0.0	180-S
Elkerton	.47	.01	0.0	180-AC*
Homer	0.0	.01	0.0	180-CV
Salem Electro- Plating Co. (1)	.01	.02	0.0	180-SEB
Graybell	.19	.01	0.0	180-PC*
Salem Electro- Plating Old Well	10.6	.14	.7	180-SEA*

* Results above drinking water level.

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This information is forwarded to you to assist you in your program activities. We will continue to keep you advise of our findings on this matter and request that you keep this office informed of your activities associated with this problem.

As always, please contact if we can assist.

Yours truly,



C.W. Meus
Regional Director

CWM:1cc

cc: AHP
BWCH
BAT
BEN BOOTH
SDII-EXTINCTON

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ENCLOSURE NO. 3

SOIL SAMPLE TAKEN AT MATTHEWS ELECTROPLATING

1. TOP SOIL NEXT TO BUILDING - CHROMIUM 3,900 PPM
NICKEL 3,802 PPM
2. TOP SIX INCHES, 20 FEET FROM BUILDING - CHROMIUM 378 PPM
NICKEL 492 PPM
3. SAME HOLE AS ABOVE, 24 INCHES SOIL DEPTH - CHROMIUM 186 PPM
NICKEL 97 PPM
4. SAME HOLE AS ABOVE, 36 INCHES SOIL DEPTH - CHROMIUM 169 PPM
NICKEL 93 PPM
5. TOP SOIL OF SINKHOLE - CHROMIUM 209 PPM
NICKEL 2,860 PPM
6. 48 INCH DEPTH AT SINKHOLE - CHROMIUM 162 PPM
NICKEL 132 PPM

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